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NEWS

NMTBA
The Association For Manufacturing Technology

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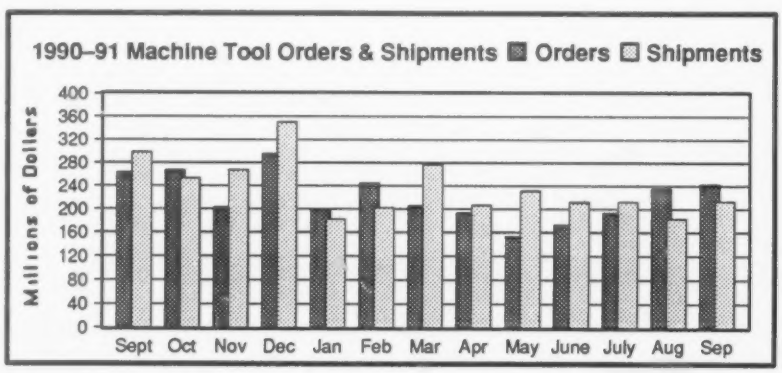
Machine tool orders rise for fourth month

September machine tool orders were $243.65 million, 3.4% above the month before, revealed figures released today by NMTBA—The Association For Manufacturing Technology. Compared with September 1990, orders were off 7.8%. Year–to–date orders now come to $1,842.7 million, 16.2% below the year earlier level.

Machine tool shipments in September totaled $213.5 million, 16.4% ahead of August 1991. Shipments were off 28.6% from September of last year, however. Year–to–date shipments were $1,922.25 million, a level 20.8% below the figure for the comparable period in 1990.



September was the fourth month in a row in which machine tool orders rose, and they reached the highest level since February 1991. Domestic machine tool orders in September were at their highest point this year. Shipments were at their highest level since May.

"I am encouraged by the developments over the past four months," said Albert W. Moore, President of NMTBA. "Orders are up, cancellations down, and backlog levels seem to be firming. We look forward to this positive momentum bolstering the rest of 1991 and carrying forward into 1992, when many economists are predicting a pickup in the general economy."

(more)

Metal Cutting

September metal cutting machine tool orders were $172.9 million, 36.8% above August levels. That level, however, was 17.3% below September of last year. Year–to–date orders, at $1,291.75 million, were 17.9% behind the 1990 pace.

Metal cutting shipments in September were $163.6 million, 19.1% above August levels. That was 13.9% behind September 1990. Year–to–date shipments of $1,329.95 million were down 21.4% from 1990.

Metal Forming

Metal forming machine tool orders in September were $70.75 million, down 35.3% from August and off 28.2% from September 1990. Year–to–date orders were $550.95 million, 11.8% below the 1990 level.

Metal forming shipments totaled $49.9 million, an 8.5% increase from August. However, the level was down 54.2% from September of last year. Year–to–date shipments of $592.30 million were down 19.5%.

Backlog

The machine tool order backlog as of September was $1,388.85 million, the highest level since April.

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COMPARISON CHART

NMTBA INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

September 1991

	Sep 91	Aug 91	% Change	Sep 91	Sep 90	%Change	YTD 91	YTD 90	% Change
METAL CUTTING									
Net New Orders									
Domestic	149.55	117.30	27.5	149.55	190.75	–21.6	1,032.40	1,341.70	–23.1
Export	23.35	9.10	156.6	23.35	18.40	26.9	259.35	231.45	12.1
Total	172.90	126.40	36.8	172.90	209.15	–17.3	1,291.75	1,573.15	–17.9
Shipments									
Domestic	138.30	121.85	13.5	138.30	168.30	–17.8	1,137.05	1,469.00	–22.6
Export	25.30	15.50	63.2	25.30	21.65	16.9	192.90	223.15	–13.6
Total	163.60	137.35	19.1	163.60	189.95	–13.9	1,329.95	1,692.15	–21.4
METAL FORMING									
Net New Orders									
Domestic	56.30	87.05	–35.3	56.30	45.90	22.7	410.20	542.05	–24.3
Export	14.45	22.30	–35.2	14.45	9.30	55.4	140.75	82.85	69.9
Total	70.75	109.35	–35.3	70.75	55.20	28.2	550.95	624.90	–11.8
Shipments									
Domestic	36.05	30.75	17.2	36.05	94.30	–61.8	446.45	653.30	–31.7
Export	13.85	15.25	–9.2	13.85	14.65	–5.5	145.85	82.75	76.3
Total	49.90	46.00	8.5	49.90	108.95	–54.2	592.30	736.05	–19.5
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	205.85	204.35	0.7	205.85	236.65	–13.0	1,442.60	1,883.75	–23.4
Export	37.80	31.40	20.4	37.80	27.70	36.5	400.10	314.30	27.3
Total	243.65	235.75	3.4	243.65	264.35	–7.8	1,842.70	2,198.05	–16.2
Shipments									
Domestic	174.35	152.60	14.3	174.35	262.60	–33.6	1,583.50	2,122.30	–25.4
Export	39.15	30.75	27.3	39.15	36.30	7.9	338.75	305.90	10.7
Total	213.50	183.35	16.4	213.50	298.90	–28.6	1,922.25	2,428.20	–20.8

Source: NMTBA – The Association For Manufacturing Technology

NMTBA INDUSTRY ESTIMATES

September 1991

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG (R)	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP (P)	149.55	23.35	172.90	1,125.80	138.30	25.30	163.60	153.35	23.40	176.75	3.80	0.05	3.85
TOTALS	1,032.40	259.35	1,291.75		1,137.05	192.90	1,329.95	1,092.50	270.90	1,363.40	60.10	11.55	71.65

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG (R)	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP (P)	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
TOTALS	410.20	140.75	550.95		446.45	145.85	592.30	418.05	144.50	562.55	7.85	3.75	11.60

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

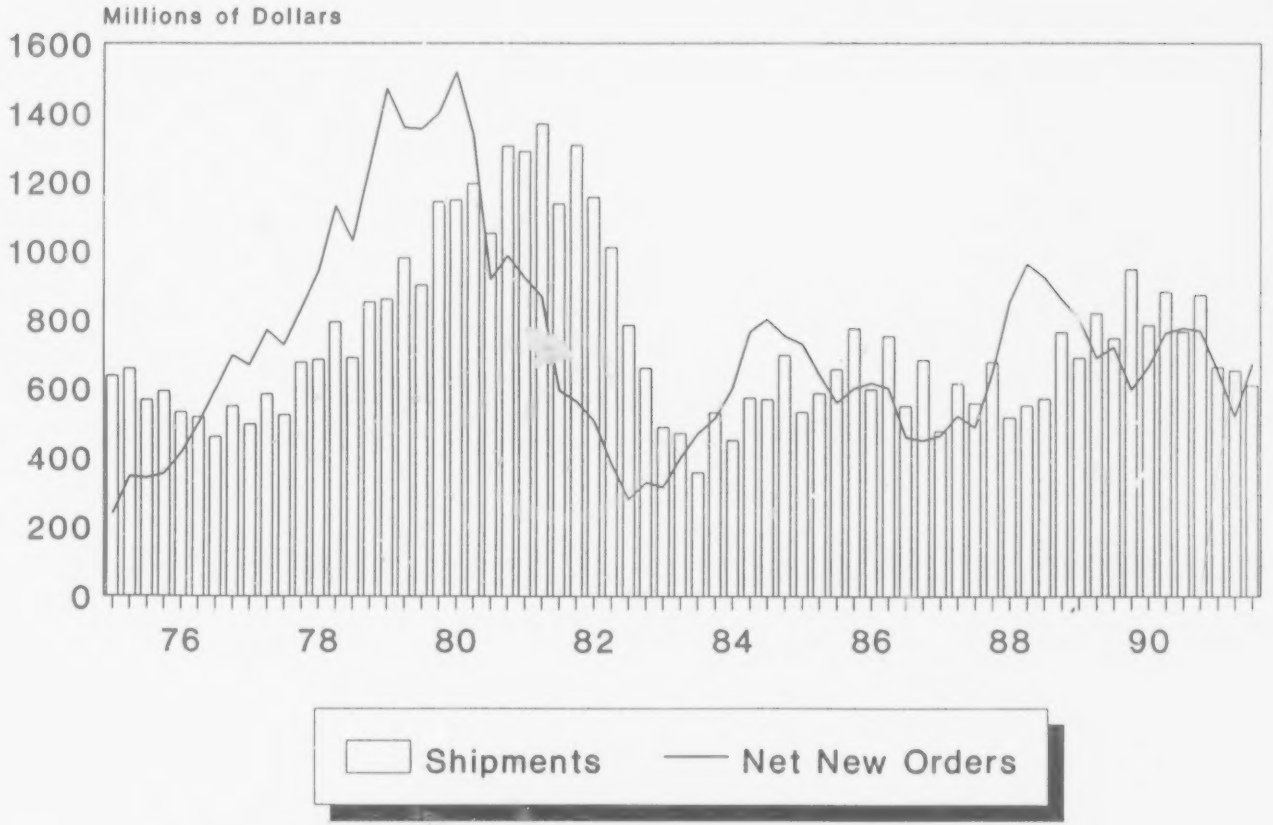
(Dollar Figures in Thousands)
1985 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3P	609,650	110,350	672,650	450,350	52,850	444,900	159,300	57,500	227,750
Total	$1,922,250	$338,750	$1,842,700	$1,329,950	$192,900	$1,291,750	$ 592,300	$ 145,850	$ 550,950

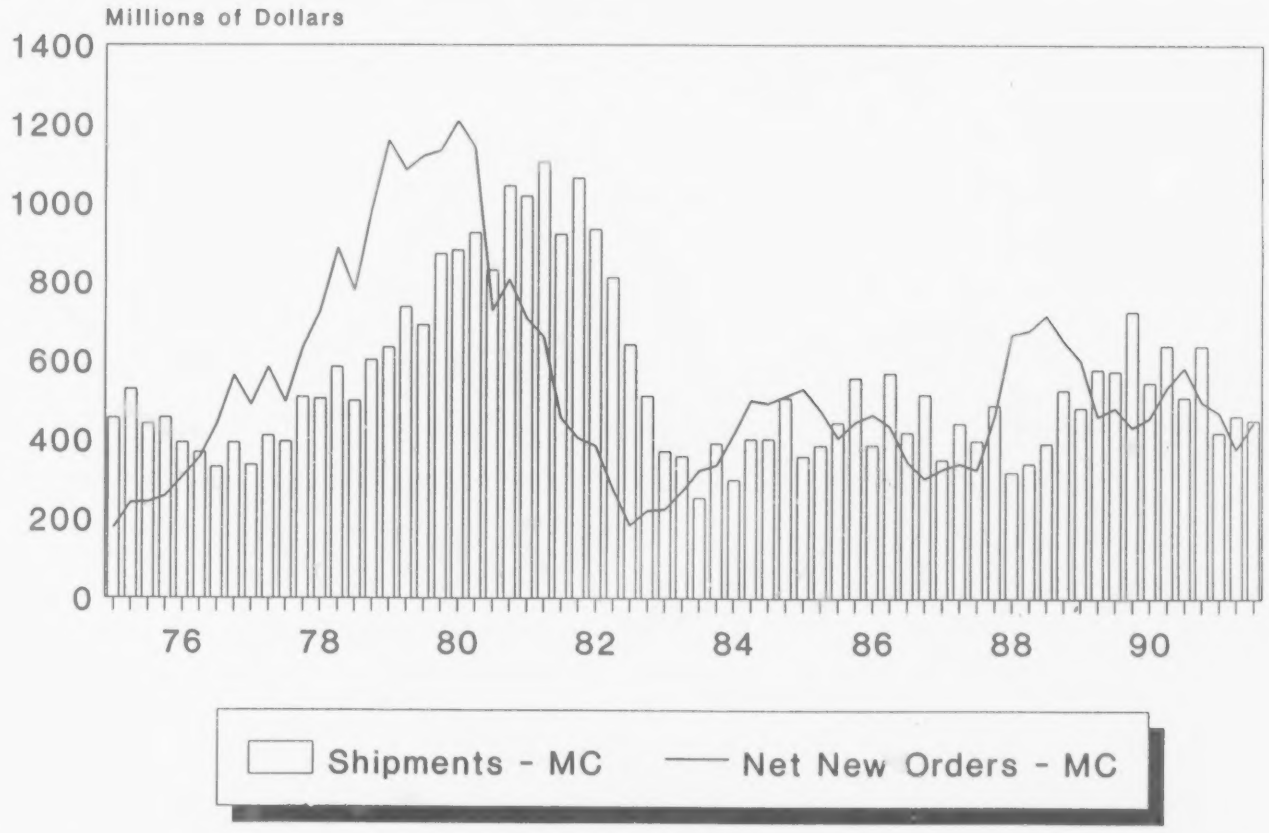
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

October 28, 1991

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly